

Patent claims

1. Method for providing the active members of a Voice
5 Group Call Service with additional information,
characterised in that the additional information is
transmitted in a message on the associated control
channel for the traffic channel of the voice group.
- 10 2. Method according to claim 1, characterized in that the
mobile switching center MSC triggers via a message
(additional-information-request-message) on the A-
interface the base station subsystem (BSS) to send the
additional information to the group members.
- 15 3. Method according to claim 1 or 2, characterized in that
the message contains a voice group call ID (VGC-ID) or
a voice group call Reference (VGC reference).
- 20 4. Method according to any of claims 1-3; characterized in
that the message is sent on the resource controlling
SCCP-connections.
5. Method according any of claims 1-3, characterized in
25 that the message is sent on the controlling SCCP-
connection of the VGC without addressing the meant VGC.
6. Method according any of claims 1-5, characterized in
that the BSS sends the additional information on the
30 SACCH of all TCHs where the VGC is ongoing.

7. Method according any of claims 1-6, characterized in that the additional information is not provided in radio cells which are belonging to the VGC-area but a VGC-channel is not established.
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8. Method according any of claims 1-7, characterized in that the additional information is sent on the controlling SCCP-connection, wherein the BSS is responsible for sending the additional information on
- 10 all SACCHs for this VGC.
9. Method according any of claims 1-8, characterized in that after having sent the additional information, the BSS provides an acknowledge information to the MSC that
- 15 the additional information was sent to the mobile stations (MSs).
10. Method according any of claims 1-9, characterized in that in order to give an indication that the additional
- 20 information was at least received by the current talker, he sends an acknowledgement on the Uplink-SACCH for this VGC.
11. System for providing members of a Voice Group Call
- 25 Service with additional information, characterised by signal processing units for speech transmission purposes in combination with signal processing units for dedicated text-and/or binary signal transmission.